

## CLAIMS

I claim:

1. A method of using a wireless terminal antenna for communication through a physical line, comprising:

proximity coupling the wireless terminal antenna with a strip line conductor connected to the physical line.

2. The method of claim 1, including receiving a wirelessly transmitted signal at the terminal antenna and transmitting the signal along the physical line.

3. The method of claim 1, including emitting a signal from the terminal antenna and transmitting the signal along the physical line.

- 15 4. The method of claim 1, including transmitting a signal along the physical line and receiving the signal at the terminal antenna.

5. The method of claim 1, including placing the strip line conductor adjacent a casing of the wireless terminal.

- 20 6. The method of claim 1, including using an H-field coupling between the wireless terminal antenna and the strip line conductor.

7. A device for coupling a wireless terminal to a physical line, comprising:  
a strip line conductor adapted to be placed near an antenna of the wireless  
terminal to establish a proximity coupling between the conductor and the antenna.

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8. The device of claim 7, including a dielectric layer for supporting the conductor  
on one side and a ground plane on another side of the dielectric layer.

9. The device of claim 7, including a connector electrically coupled to the strip  
10 line conductor adapted to be connected to a physical, conductive line.

10. A communication device, comprising:
  - a wireless terminal having an antenna for receiving and transmitting wireless signals; and
  - 5 at least one strip line conductor proximity coupled to the antenna.
11. The device of claim 10, including a dielectric layer for supporting the strip line conductor on one side and a ground plane on another side of the dielectric.
- 10 12. The device of claim 10, wherein the wireless terminal includes a housing and the strip line conductor is adjacent the housing.
13. The device of claim 12, including a holder for securing the strip line conductor in a desired position against the housing.

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